GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3949
ANSWERED ON:23.12.2015
National Geographical Information System
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the salient features of National Geographical Information System (NGIS) project;

(b) the targets set and the achievements made so far; and

(c) the funds allocated and utilized under the project during each of the last three years and current financial year?

Answer

MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES
(SHRI.Y. S. CHOWDARY)

(a) The present proposal is to establish NGIS as a mission and deliver such NGIS products that facilitate developmental decision-making, planning and good governance by the Central and State Governments. It would also meet the core geographical information requirement of decision making for defence, and internal & external security. The following are the salient features of NGIS:

(i) Source, organize and maintain a uniform, standardized and seamless GIS asset (usable data) for the entire country.
(ii) Position a national "GIS technology Platform" as a single gateway for GIS −enabled data, applications and services.
(iii) Utilize Geo-spatial Technologies in various applications areas for Good Governance and Development at National, State and Local levels.
(iv) Position a coordination mechanism for sustaining the National GIS out of the existing organizations.

(b) The mission project has the following targets

â€¢ National Geospatial Data Registry containing a set of registers towards improving geospatial data / service governance, procedures for geospatial data / service registration from all Survey agencies and State Governments.

â€¢ 2D, 3D and 4D geospatial databases for different application domains (Railways, Defence, Oil & Natural Gas, Urban Development, Rural Development, Telecom, Disaster Response etc.) and end users in State Governments for e-Governance and Customized GIS and DSS for end users and development of GI services / products.
â€¢ Mechanism for delivery of end user specific maps / information to support dynamic administrative approvals.
â€¢ Training Modules and Kits for different target groups (e.g. senior level decision makers, programme managers, engineers /scientists / officials, GIS /MIS end users)
â€¢ Network of training and R&D institutions for capacity development, upgradation and sustenance of the NGIS capability.
â€¢ Coordination mechanism / structure, state level data sharing and accessibility policies, GI policies in support of NGIS.

Since NGIS project has not been approved by the Union Cabinet, no funds have been incurred for NGIS project as yet and hence, the question of achieving any target does not arise at this stage.

(c) The Mission project on NGIS is proposed at a total cost of Rs.3000 crores for a period of four years from the date of its commencement. The project has not yet been approved by the competent authority. Hence no fund has been allotted for the project during the current financial year.

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